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37 C.F.R. 1.10 on the date indicated above and is addressed to  
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Paige E. Snyder

J1033 U.S. PTO  
09/928304  
08/13/01

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Chastain et al.

**Serial No.: Not Assigned**

Group Art Unit: Not Assigned

Filed: Not Assigned

Docket No.: 158/71

For: AIR BLOWN FIBER (ABF) CABLE WITH LOW COMPOSITE COEFFICIENT OF  
THERMAL EXPANSION

\*\*\*\*\*

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. 1.56, 1.97, and 1.98, applicants' undersigned attorney brings to the attention of the Patent and Trademark Office the following references. Forms PTO/SB/08A and PTO/SB/08B are attached hereto. Copies of the references are also enclosed. This is not to be construed as a representation that a search has been made or that a reference is relevant merely because cited.

U.S. Patent No. 4,082,423 to Glista et al. discloses fiber optics cable strengthening method and means.

U.S. Patent No. 4,299,256 to Bacehowski et al. discloses coextruded silicone-containing tubing having long term frictional lubrication properties.

U.S. Patent No. 4,691,896 to Reeve et al. discloses optical fibre transmission line.

U.S. Patent No. 4,791,965 to Wynn discloses co-extruded tube.

U.S. Patent No. 4,796,970 to Reeve et al. discloses optical fibre transmission lines.

U.S. Patent No. 4,892,442 to Shoffner discloses prelubricated innerduct.

U.S. Patent No. 4,952,021 to Aoki et al. discloses pressure transporting system.

Appln. No.: Not Assigned

U.S. Patent No. 5,358,011 to Stockton et al. discloses optical fibre ducts having inner layer suited to blown fibre installation and a fire retardant outer layer.

U.S. Patent No. 6,101,304 to Quistorff et al. discloses air blown fiber (ABF) tube cable with central innerduct.

European Patent Application No. 0180590 A1 discloses fiber optical transmission lines.

Publication by Schneider et al. entitled "Melt Filament Reinforcement "MFR" for Shrink Free Fiber Optic Cable", International Wire & Cable Symposium, pp. 287-292.

Early passage of the subject application to issue is earnestly solicited.

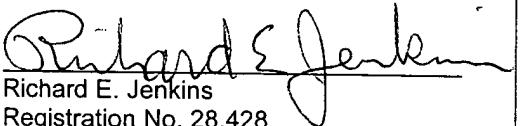
Although a check is being submitted, the Commissioner is hereby authorized to charge any deficiencies of payment associated with the filing of this Information Disclosure Statement to Deposit Account No. 50-0426.

Respectfully submitted,

JENKINS & WILSON, P.A.

Date: 8-13-01

By:

  
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158/71 REJ/kth/sed

Enclosures

# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

## C m p l e if Known

Application Number	Not Assigned
Filing Date	August 13, 2001
First Named Inventor	Scott M. Chastain
Examiner Name	
Group Art Unit	
Attorney Docket No.	158/71

TOTAL AMOUNT OF PAYMENT (\$ ) 998.00

## METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 50-0426  
Deposit Account Name Jenkins & Wilson, P.A.

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 710	201 355	Utility filing fee	710.00
106 320	206 160	Design filing fee	
107 490	207 245	Plant filing fee	
108 710	208 355	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$ ) 710.00

### 2. EXTRA CLAIM FEES

Total Claims 36 -20\*\* = 16 x 18.00 = 288.00  
Independent Claims 3 -3\*\* = 0 x 0.00 = 0.00  
Multiple Dependent ☐ = ☐

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 80	202 40	Independent claims in excess of 3
104 270	204 135	Multiple dependent claim, if not paid
109 80	209 40	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ ) 288.00

\*\*for number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for <i>ex parte</i> reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 390	216 195	Extension for reply within second month	
117 890	217 445	Extension for reply within third month	
118 1,390	218 695	Extension for reply within fourth month	
128 1,890	228 945	Extension for reply within fifth month	
119 310	219 155	Notice of Appeal	
120 310	220 155	Filing a brief in support of an appeal	
121 270	221 135	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,240	241 620	Petition to revive - unintentional	
142 1,240	242 620	Utility issue fee (or reissue)	
143 440	243 220	Design issue fee	
144 600	244 300	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 710	246 355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 710	249 355	For each additional invention to be examined (37 CFR § 1.129(b))	
179 710	279 355	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 0.00

## SUBMITTED BY

Name (Print/Type)	Richard E. Jenkins	Registration No. (Attorney/Agent)	28,428	Telephone	919/493-8000
Signature		Date	8-13-01		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/17 (11-00)  
09/928304  
08/13/01